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Washington, D.C. 20231 www.uspto.gov

APPLICATION NUMBER

FILING/RECEIPT DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/078,820

02/19/2002

Deborah Wenzel

3593:02-3

**CONFIRMATION NO. 7625** 

**FORMALITIES LETTER** 

\*OC000000007787739\*

PETERS, VERNY, JONES & SCHMITT, L.L.P. Suite 6 385 Sherman Avenue Palo Alto, CA 94306

Date Mailed: 04/03/2002

#### NOTICE TO FILE CORRECTED APPLICATION PAPERS

## Filing Date Granted

This application has been accorded an Application Number and Filing Date. The application, however, is informal since it does not comply with the regulations for the reason(s) indicated below. Applicant is given TWO MONTHS from the date of this Notice within which to correct the informalities indicated below. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a)

The required item(s) identified below must be timely submitted to avoid abandonment:

An Abstract not to exceed 150 words in length, commencing on a separate sheet (37 CFR 1.72(b)).

A copy of this notice <u>MUST</u> be returned with the reply.

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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PATENT 0002-3

# <u>IN THE UNITED STATES PATENT AND TRADEMARK OFFICE</u>

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In re Application of	O A 4 TT *4
Deborah Wenzel	Group Art Unit:
Serial No.: 10/078,820	Examiner:
Filed: February 19, 2002	
For: COMPOSITION AS AN ADDITIVE TO (CREATE CLEAR STABLE SOLUTIONS AND MICROEMULSIONS WITH A COMBUSTIBLE (LIQUID FUEL TO IMPROVE COMBUSTION (COMBUSTION	OFFICINALLY OF PARTY
Box Initial Patent Exam Assistant Commissioner for Patents Washington, D.C. 20231	THE REPORT OF THE PERSON OF TH

#### **CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class in an envelope addressed to: Box Initial Patent Exam, Assistant Commissioner for Patents, Washington, D.C. 20231 on <u>July 3, 2002</u>.

Joan I. Abriam

## **TRANSMITTAL**

Sir:

Enclosed herewith for filing are the following documents:

- 1. Transmittal Letter (2 pgs.) in duplicate;
- 2. Response to Correct Defects Shortened Abstract PTO Form;
- 3. Petition for Extension of Time Small Entity;
- 4. Check for \$60.00; and
- 5. Postcard.

If additional fees are required for the filing of this document, the Commissioner for Patents is hereby authorized to charge or credit overpayment to Deposit Account No. <u>16-1331</u>.

Respectfully submitted,

Date: July 3, 2002\_\_\_

Howard M. Peters (Reg. No. 29,202)

Attorney of Record

PETERS VERNY JONES & SCHMITT, L.L.P.

385 Sherman Avenue, Suite 6 Palo Alto, CA 94306-1840 Telephone: (650) 324-1677 Facsimile: (650) 324-1678

Attorney Docket No.: 3596.02-3

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1 PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	) Group Art Unit	<b>.</b>
Deborah Wenzel	) ·	··
Serial No.: 10/078,820	) Examiner:	
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Box Initial Patent Exam Assistant Commissioner for Patents Washington, D.C. 20231	_	一個都

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Joan I. Abriani

# RESPONSE TO CORRECT DEFECTS SHORTENED ABSTRACT

Sir:

Applicant has received the Notice to Correct Defects dated April 23, 2002.

Please amend this application as follows:

IN THE ABSTRACT:

On page 102, line 1 to page 103, line 2, delete all text as shown:

# "COMPOSITION AS AN ADDITIVE TO CREATE A CLEAR STABLE MICROEMULSION WITH A COMBUSTIBLE LIQUID FUEL TO IMPROVE COMBUSTION

#### ABSTRACT OF THE DISCLOSURE

The present invention relates to an additive composition for a combustible fuel to utilize readily available and renewable resources and to produce improved combustion and reduced smoke and particulate production of the combusted fuel, which additive composition comprises:

- a. one or more water-soluble alcohols selected from the group consisting of alcohols having from between about 1 and 6 carbon atoms, in an anhydrous state or as a 0.5-36% aqueous solution, and one or more of the following:
- b. one or more alcohols selected from the group consisting of clear, liquid saturated or unsaturated, straight- or branched-chain alcohols having from between about 6 and 18 carbon atoms;
- c. one or more alcohols selected from the group consisting of ethoxylated straightor branched- long-chain alcohols having between about 12 and 18 carbon atoms, where the ethylene oxide add-on is less than 5 moles;
- d. a fatty acid of the structure R-(C=O)-OH, wherein R is selected from alkyl, alkenyl or alkynyl having from about 10 to 24 carbon atoms, with
- e. a source of nitrogen in an anhydrous state or as an aqueous solution selected from the group consisting of the ammonia, hydrazine, alkyl hydrazine, dialkyl hydrazine, urea, ethanolamine,, monoalkyl ethanolamine, dialkyl ethanolamine wherein alkyl is independently selected from methyl, ethyl, n-propyl or isopropyl wherein trialkylamines are excluded;

wherein components a to e when combined with mixing with said combustible fuel form a clear stable microemulsion having a viscosity similar to a liquid fossil fuel; and

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wherein said additive composition excludes glycerine, polyethylene, polyoxyethylene, polyoxypropylenes, aromatic organic compounds, sulfur, sulfur compounds, metals, metal compounds, compounds of phenanthrene. Specifically, compositions of ethanol, methanol, isopropanol, octanol, 2-ethyl-hexanol, linoleic acid, oleic acid, ammonia, and water are preferred to produce minimum smoke, particulates, and noxious gases upon combustion."

Please examine the text in the new abstract Applicant encloses for page 102 shown in Exhibit 1.

#### **REMARKS**

Applicant has shortened and amended this abstract as shown. No new matter has been added to this application.

### **SUMMARY**

If there are questions, please call the undersigned attorney of record as soon as possible at  $(650) 324-1677 \times 20$ .

Respectfully submitted,

Date: July 3, 2002

Howard M. Peters (Reg. No. 29,202)

Attorney of Record

PETERS VERNY JONES & SCHMITT, L.L.P.

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Facsimile: (650) 324-1678
Attorney Docket No.: 3596.02-3

Enclosures - 1) PTO Form

2) Exhibit 1. New Abstract

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